



8165 E. Kaiser Blvd. Anaheim, CA 92808
www.lightlaboratory.com

Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805924.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L061805924
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
[ISSUEDATE] 7/11/2018
[MANUFAC] USTE, dba Vista Professional Outdoor Lighting
[LUMCAT] 1057-X-MF-30-B-MV-ND-LSF
[LUMINAIRE] LED Floodlight, MF Distribution, Linear Spread Filter
[BALLASTCAT] THOMAS RESEARCH PRODUCTS LED40W-045-C0900-D(700mA)
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[TEST CONDITION] CANDELA VALUES AND ELECTRICALS ARE GENERATED FROM LIGHT LABORATORY
[MORE] REPORT L061805923 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.77.
[INPUT] 120VAC, 28.81W
[TEST PROCEDURE] IESNA:LM-79-08

Note: Candela values converted from Type-C to Type-B

CHARACTERISTICS

NEMA Type	5 H x 5 V
Maximum Candela	2394
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	43.6
Vertical Beam Angle (50%)	43.6
Horizontal Field Angle (10%)	80.2
Vertical Field Angle (10%)	80.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	805
Beam Efficiency	N.A.
Field Lumens	1361
Field Efficiency	N.A.
Spill Lumens	281
Luminaire Lumens	1642
Total Efficiency	N.A.
Total Luminaire Watts	28.81
Ballast Factor	1.00

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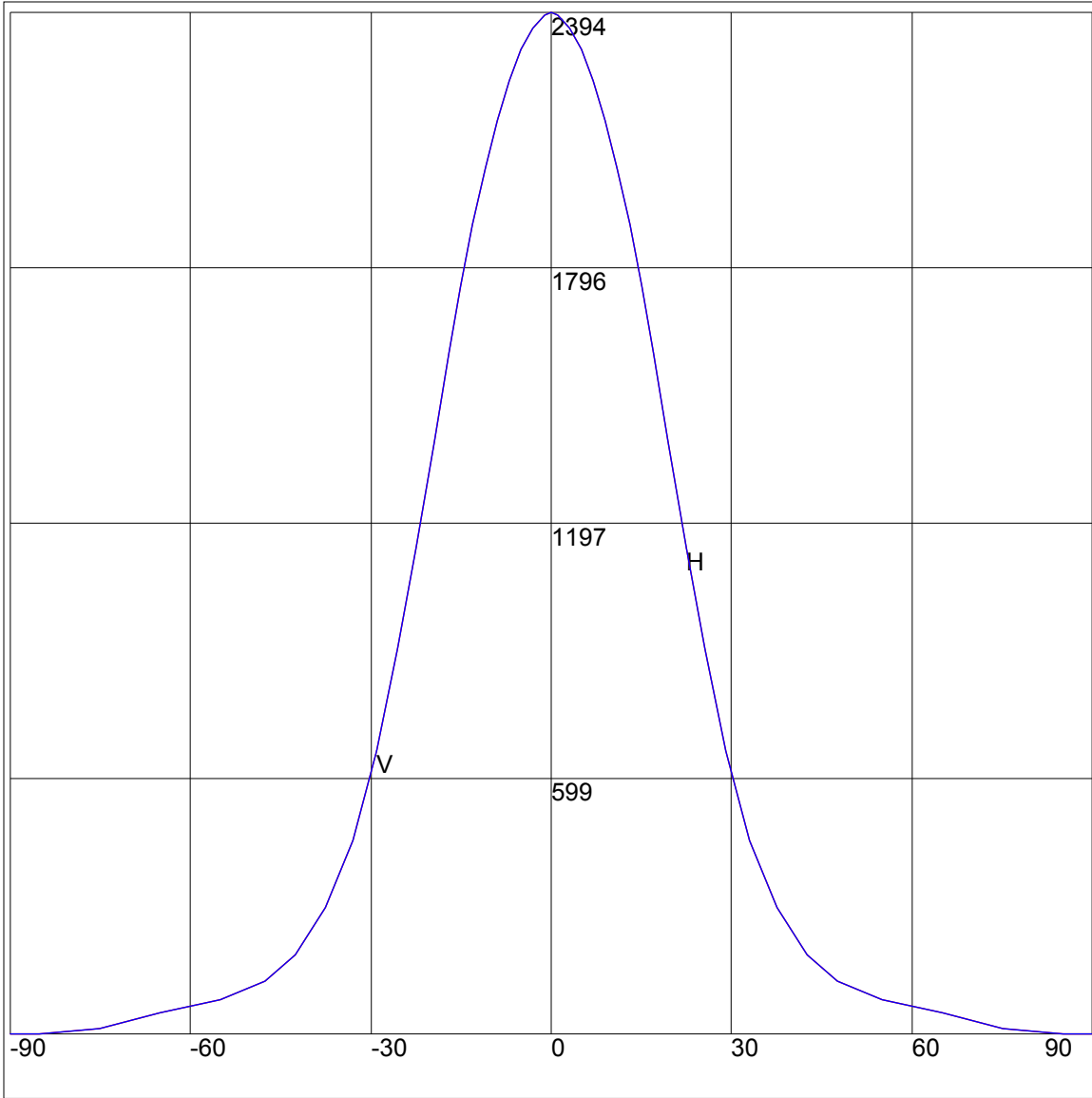
AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	1	85	1
75	13	75	13
65	51	65	51
55	81	55	81
47.5	126	47.5	126
42.5	187	42.5	187
37.5	296	37.5	296
33	455	33	455
29	665	29	665
25.5	906	25.5	906
22.5	1139	22.5	1139
19.5	1388	19.5	1388
17	1595	17	1595
15	1752	15	1752
13	1898	13	1898
11	2030	11	2030
9	2141	9	2141
7	2234	7	2234
5	2307	5	2307
3	2358	3	2358
1	2387	1	2387
0	2394	0	2394
-1	2387	-1	2387
-3	2358	-3	2358
-5	2307	-5	2307
-7	2234	-7	2234
-9	2141	-9	2141
-11	2030	-11	2030
-13	1898	-13	1898
-15	1752	-15	1752
-17	1595	-17	1595
-19.5	1388	-19.5	1388
-22.5	1139	-22.5	1139
-25.5	906	-25.5	906
-29	665	-29	665
-33	455	-33	455
-37.5	296	-37.5	296
-42.5	187	-42.5	187
-47.5	126	-47.5	126
-55	81	-55	81
-65	51	-65	51
-75	13	-75	13
-85	1	-85	1
-90	0	-90	0

ZONAL LUMEN SUMMARY

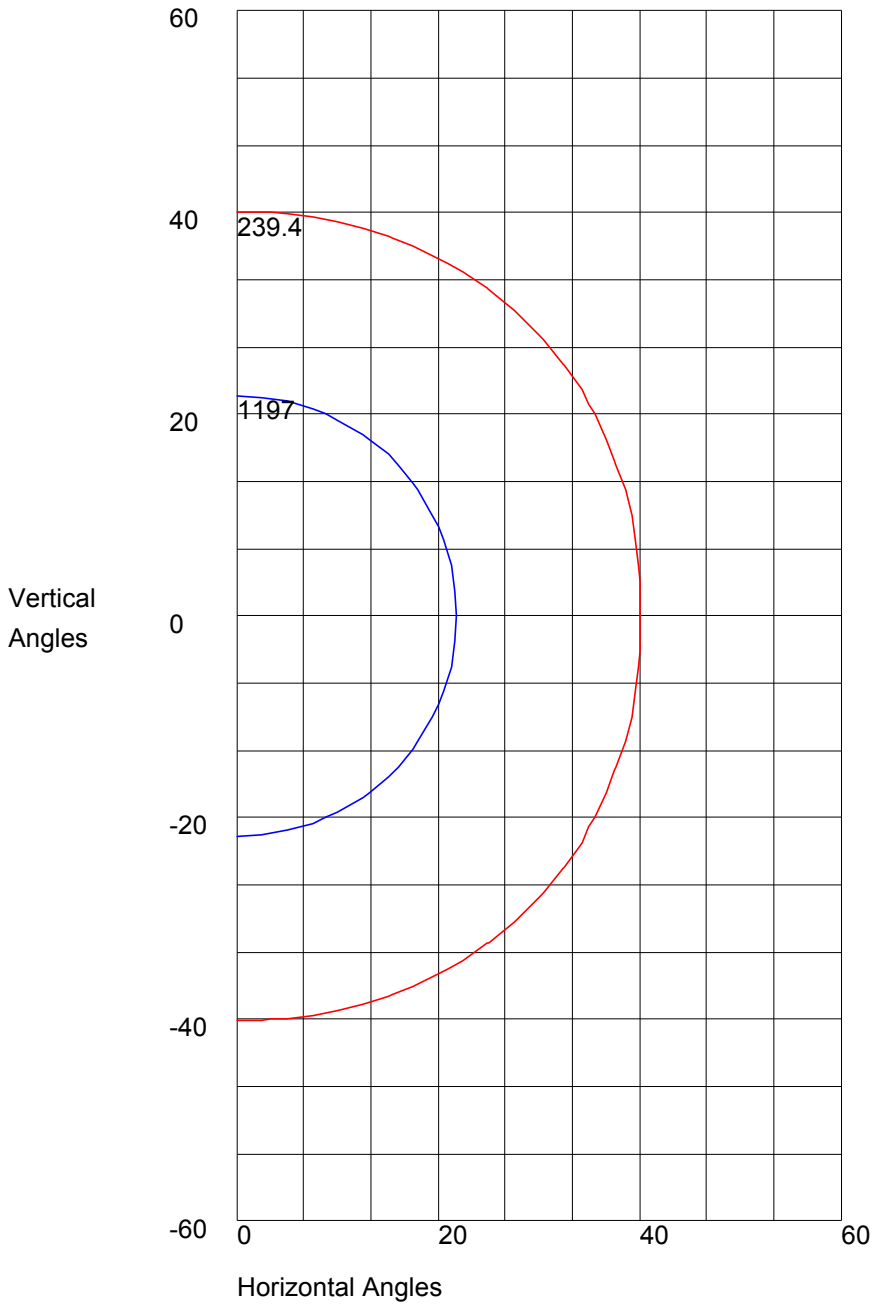
Zone	%
0-20	40.8
0-30	66.6
0-40	80.8
0-60	93.7
0-80	99.5
0-90	100
10-90	89.3
20-40	40
20-50	48.9
40-70	16.7
60-80	5.8
70-80	2
80-90	0.5
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 2394 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2394 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 1197
10% Maximum Candela = 239.4